

Serial No. 09/507,466

Reply to Office Action dated 11 May 2005

Docket No. MEMS-0253-US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 11. (Cancelled)

12. (Previously Presented) A method of making an optical device, said method comprising the steps of:

dividing an angular pattern into a plurality of sub-angular regions;

determining micro-wedge configurations for directing light to said sub-angular regions; and

subsequently, generating an array of micro-wedges according to said micro-wedge configurations, such that adjacent micro-wedges in said array have different configurations.

13. (Previously Presented) The method of claim 12, wherein the two-dimensional arrangement of said micro-wedges in said array is essentially random with respect to the two-dimensional arrangement of said sub-angular regions of said pattern.

14. (Previously Presented) The method of claim 13, further comprising the step of assigning said micro-wedge configurations to random locations in said array.

Serial No. 09/507,466
Reply to Office Action dated 11 May 2005

Docket No. MEMS-0253-US

15. (Previously Presented) The method of claim 14, wherein said determining step includes the step of calculating output surface slopes for said micro-wedges.
16. (Previously Presented) The method of claim 15, wherein said step of generating said array includes the step of forming phase fare surfaces in said micro-wedges.
17. (Previously Presented) The method of claim 16, wherein said generating step includes the step of forming output surfaces for said micro-wedges.
18. (Previously Presented) The method of claim 12, further comprising the step of providing a plurality of tiles of said micro-wedge arrays.
- 19 - 22. (Canceled)